

# Program Summary Sheet

## ELECTRO OPTICAL SENSOR SYSTEM

PEO/DSA: AVN

Incumbent: Michelle F. Yarborough

FY: 04

Rotation Date: Oct 03

### Command Selection Criteria

#### 1. Description of Program/Command:

The Electro–Optical Sensor System (EOSS) for the Comanche helicopter provides the platform its entire sensor suite. The EMD program phase will define the entire scope of EOSS through the Initial Operational Capability (IOC) scheduled for December 2006. The Product Manager for EOSS manages the development of the lasers, optics, stabilization, FLIR, TV and I2TV of the Electro Optical target acquisition and pilotage sensors as well as the Target Acquisition Software System. The PM, EOSS is also responsible for harnessing rapid advancements in digital technology processing and architectures and encouraging commercial and military development of future electro–optical sensors. PM, EOSS is responsible for managing over \$600M of the Comanche Mission Equipment Package (MEP) development project. Thirteen EOSS systems, hardware–in–the–loop facilities, Target Acquisition Software (TAS) and software simulations will be delivered to support developmental and operational testing during EMD.

#### 2. Description of PMs/Commanders Responsibilities:

The PM, EOSS, executes full product management responsibility for the EOSS and TAS for the Comanche helicopter program. Programmed funds over the next six years include \$600M in RDT The PM, EOSS reports to the Project Manager, Comanche, and is responsible for planning, supervising and controlling the allocation and utilization of all resources authorized for the execution of the Electro Optical Sensor System product within the Comanche program. The PM will provide direct management interface between defense contractors and Department of Defense agencies to ensure successful acquisition of new equipment and sustained support of DA, OSD, other services, other government agencies, and other MACOMs, as necessary, to execute the development, integration, testing, qualification, procurement, production, fielding and integrated logistics for the EOSS and TAS.

#### 3. Desirable Characteristics:

##### a. Military Education:

Level 4 Advanced Program Manager's Course

##### b. Civilian Education:

Master's Degree in Science, Management of Engineering

##### c. Experience:

Program Management Office experience, HQDA or SAALT staff experience and avionics or electro–optics experience

##### d. Security Clearance:

##### e. Other:

#### 4. Administrative Data:

##### a. Duty Station

City: Redstone Arsenal State: AL

##### b. UIC: W27P02

c. Report Date: Month: Sep Year: 03

### Other Significant Command Information

#### 1a. Significant Congressional, Office of the Secretary of Defense, and/or Army

**Interest:**

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**b. Significant Impact on Military Posture and Readiness:****c. Extensive Interdepartmental, National, or International Coordination:****d. Unusual Organizational Complexity, Technological Advancement or Interface Control:****e. Unusual Difficulties Requiring Centralized Management:****2. Systems currently managed by the PM:**

Electro Optical Sensor System Target Acquisition Software